

APPLICANT FANISIMILE OF FORM PTO-1449

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APPLICANT

Winfried Edelmann et al.

JAN 31 2001

FILING DATE

September 11, 2000

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1632

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





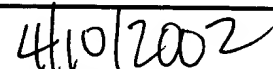
## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
WAD	A1 WO 9901550	1/99	PCT			

## OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)

CITATIONS (including Author, Title, Date, Pertinent Pages, Etc.)		
	A2	Akiyama Y, et al. "Germ-line mutation of the hMSH6/GTBP gene in an atypical hereditary nonpolyposis colorectal cancer kindred". <i>Cancer Res.</i> 1997 Sep 15;57(18):3920-3;
	A3	Bawa S, et al. "A mutation in the MSH5 gene results in alkylation tolerance. " <i>Cancer Res.</i> 1997 Jul 1;57(13):2715-20;
	A4	Baker SM, et al. "Involvement of mouse Mlh1 in DNA mismatch repair and meiotic crossing over." <i>Nat Genet.</i> 1996 Jul;13(3):336-42;
	A5	Baker SM, et al. "Male mice defective in the DNA mismatch repair gene PMS2 exhibit abnormal chromosome synapsis in meiosis." <i>Cell.</i> 1995 Jul 28;82(2):309-19;
	A6	de Vries SS, et al. "Mouse MutS-like protein Msh5 is required for proper chromosome synapsis in male and female meiosis". <i>Genes Dev.</i> 1999 Mar 1;13(5):523-31;
	A7	Edelmann W, et al. "Meiotic pachytene arrest in MLH1-deficient mice". <i>Cell.</i> 1996 Jun 28;85(7):1125-34;
	A8	Hollingsworth NM, et al. "MSH5, a novel MutS homolog, facilitates meiotic reciprocal recombination between homologs in <i>Saccharomyces cerevisiae</i> but not mismatch repair." <i>Genes Dev.</i> 1995 Jul 15;9(14):1728-39;
	A9	Kolodner R. "Biochemistry and genetics of eukaryotic mismatch repair". <i>Genes Dev.</i> 1996 Jun 15;10(12):1433-42;
	A10	Leach FS, et al. "Mutations of a mutS homolog in hereditary nonpolyposis colorectal cancer". <i>Cell.</i> 1993 Dec 17;75(6):1215-25;
	A11	Miyaki M, et al. "Germline mutation of MSH6 as the cause of hereditary nonpolyposis colorectal cancer." <i>Nat Genet.</i> 1997 Nov;17(3):271-2;
	A12	Modrich P, et al. "Mismatch repair in replication fidelity, genetic recombination, and cancer biology". <i>Annu Rev Biochem.</i> 1996;65:101-33;
Examiner		Date Considered
		
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de Wind N, et al. "Inactivation of the mouse Msh2 gene results in mismatch repair deficiency, methylation tolerance, hyperrecombination, and predisposition to cancer". *Cell*. 1995 Jul 28;82(2):321-30.

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